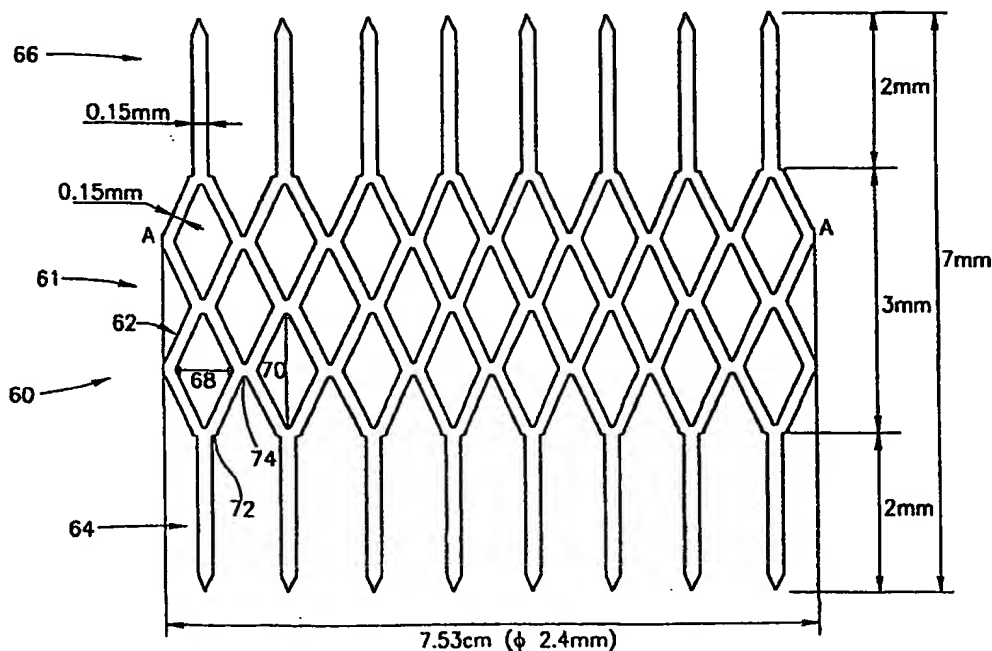




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(71) Applicant (for all designated States except US): BY-PASS, LTD. [IL/IL]; Hasadnaot Street 3, 46728 Herzlia B (IL).			
(72) Inventors; and (75) Inventors/Applicants (for US only): DEROWE, Ari [IL/IL]; Moshav Salit, 45885 Hasharon Hatichon (IL). LOSHAKOVE, Amir [IL/IL]; P.O. Box 204, 42860 Moshav Burgeta (IL).			
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## (57) Abstract

An anastomotic connector (60) for attaching two blood vessels, comprising a cylinder-like portion having a lumen, two ends, and an array of cells elements, and a tissue engaging portion (60) comprising at least one set of spikes (64) wherein at least one spike arranged adjacent one of the two ends of said cylinder-like portion. The connector (60) may comprise at least a second set of spikes (66) adjacent the other of the two ends.